

## CLAIMS:

### What Is Claimed Is:

1. A folded sheet article comprising:
  - a sheet of material having a folded state and an unfolded state;
  - a first fold in said sheet of material;
  - one set of accordion folds in said sheet of material, said set of accordion folds being folded in a direction transverse to said first fold;
  - a second fold in said sheet of material, said second fold being folded in a direction transverse to said first plurality of accordion folds;
  - said first and second folds and said set of accordion folds defining segments of said sheet of material; and
  - a stiff portion attached to a corner segment and a segment adjacent to said corner segment of said sheet formed by said second fold and whereby during said folded state, said segments are situated within said stiff portion.
2. The folded sheet article of Claim 1 wherein said first fold comprises a one-third fold in said sheet of material.
3. The folded sheet article of Claim 1 wherein said first fold comprises a one-half fold in said sheet of material.
4. The folded sheet article in Claim 1 wherein said set of accordion folds comprises at least four folds.
5. The folded sheet article of Claim 1 wherein said stiff portion comprises a one-piece foldable material.
6. The folded sheet article of Claim 1 wherein said stiff portion comprises at least two separate pieces, a first piece being attached to said corner segment and a second piece being attached to said segment adjacent to said corner segment.

7. The folded sheet article of Claim 1 wherein said stiff portion is larger than said segments formed by said folds.
8. The folded sheet article of Claim 1 further comprises at least one tab.
9. The folded sheet article of Claim 8 wherein said tab is a foldable tab.
10. The folded sheet article of Claim 8 wherein said tab is attached to a corner segment opposite of said corner segment where said stiff portion is attached.
11. The folded sheet article of Claim 1 wherein said stiff portion comprises opposing ends and an extended portion connected to said first end and whereby during said folded state, said extended portion overlaps and can be secured onto said second end of said stiff portion.
12. The folded sheet article of Claim 11 wherein said extended portion of said stiff portion comprises a closing means.
13. The folded sheet article of Claim 12 wherein said closing means comprises an adhesive.
14. The folded sheet article of Claim 1 wherein said stiff portion comprises a pocket.
15. The folded sheet article of Claim 1 wherein said article comprises paper.
16. A foldable, unfoldable and refoldable sheet article comprising:
  - a sheet of material having a first fold and one set of accordion folds being folded in a direction transverse to said first fold;
  - a second fold in said sheet of material, said second fold being folded in a direction transverse to said set of accordion folds;

said first and second folds and said set of accordion folds defining segments of said sheet of material; said second fold forming a first corner segment and a segment adjacent to said first corner segment; and

in a folded state, said first corner segment and said segment adjacent to said first corner segment formed by said second fold functions as a cover for said segments.

17. The sheet article of Claim 16 further comprises a first stiff portion attached to said first corner segment and said segment adjacent to said first corner segment of said sheet formed by said second fold and whereby during said folded state, said segments are situated within said first stiff portion.

18. The sheet article of Claim 17 further comprises a second stiff portion attached to a second corner segment opposite of said first corner segment.

19. The sheet article of Claim 18 further comprises at least one tab attached to said second stiff portion.

20. The sheet article of Claim 19 wherein said tab attached to said second stiff portion is a foldable tab.

21. The sheet article of Claim 16 wherein said first fold comprises a one-third fold in said sheet of material and said first and second folds form at least three vertical segments.

22. The sheet article of Claim 16 wherein said first fold comprises a one-half fold in said sheet of material and said first and second folds form at least four vertical segments.

23. The sheet article of Claim 16 wherein said set of accordion folds forms at least four horizontal segments.

24. The sheet article of Claim 16 further comprises at least one tab attached at least one segment on said sheet of material.

25. The sheet article of Claim 17 wherein said first stiff portion comprises opposing ends and an extended portion connected to said first end and whereby during said folded state, said extended portion overlaps and can be secured onto said second end of said first stiff portion.
26. The sheet article of Claim 16 wherein said corner segment formed by said second fold comprises a pocket.
27. The sheet article of Claim 17 wherein said stiff portion comprises a pocket.
28. The sheet article of Claim 16 wherein said article comprises paper.
29. A foldable sheet article manufactured by a method comprising:  
providing a sheet of material having a folded state and an unfolded state;  
forming a first fold in said sheet of material;  
forming one set of accordion folds in said sheet of material, said set of accordion folds being folded in a direction transverse to said first fold;  
forming a second fold in said sheet of material, said second fold being folded in a direction transverse to said set of accordion folds;  
said first and second folds and said set of accordion folds defining segments of said sheet of material; and  
attaching a stiff portion to a corner segment and a segment adjacent to said corner segment of said sheet formed by said second fold and whereby during said folded state, said segments are situated within said stiff portion.
30. The sheet article of Claim 29 further comprises attaching at least one tab to at least one segment of said sheet of material.
31. The sheet article of Claim 29 wherein said stiff portion comprises opposing ends and an extended portion connected to said first end and whereby during said folded state,

and allowing said extended portion to overlap and be secured onto said second end of said stiff portion.

32. The sheet article of Claim 29 further comprises providing a pocket on said stiff portion.

33. A method of manufacturing a folded sheet article, said method comprising:  
providing a sheet of material having a folded state and an unfolded state;  
forming a first fold in said sheet of material;  
forming a plurality of accordion folds in said sheet of material, said plurality of accordion folds being folded in a direction transverse to said first fold;  
forming a second fold in said sheet of material, said second fold being folded in a direction transverse to said first plurality of accordion folds;  
said first and second folds and said plurality of accordion folds defining segments of said sheet of material; said second fold forming a first corner segment and a segment adjacent to said first corner segment; and  
in a folded state, said first corner segment and said segment adjacent to said first corner segment formed by said second fold functions as a cover for said segments.

34. The method of Claim 33 further comprising attaching a first stiff portion to said first corner segment and said segment adjacent to said first corner segment of said sheet formed by said second fold and whereby during said folded state, said segments are situated within said first stiff portion.

35. The method of Claim 33 wherein said stiff portion comprises a one-piece foldable material.

36. The method of Claim 33 wherein said stiff portion comprises at least two separate pieces, a first piece being attached to said corner segment and a second piece being attached to said segment adjacent to said corner segment.

37. The method of Claim 33 wherein said stiff portion is larger than said segments formed by said folds.

38. The method of Claim 33 further comprises attaching at least one tab to at least one segment of said sheet of material.

39. The method of Claim 38 wherein said tab is a foldable tab and is attached to a corner segment opposite of said corner segment where said stiff portion is attached.

40. The method of Claim 33 wherein said stiff portion comprises opposing ends and an extended portion connected to said first end and whereby during said folded state, and allowing said extended portion to overlap and be secured onto said second end of said stiff portion.

41. The method of Claim 40 wherein said extended portion of said stiff portion comprises a closing means.

42. The method of Claim 33 further comprises providing a pocket on said stiff portion.

43. The method of Claim 33 wherein said article comprises paper.

44. The method of Claim 34 further comprises attaching a second stiff portion to a second corner segment opposite of said first corner segment.

45. The method of Claim 44 further comprises at least one tab attached to said second stiff portion.

46. The method of Claim 45 wherein said tab attached to said second stiff portion is a foldable tab.

47. A folded sheet article comprising:  
a sheet of material having a folded state and an unfolded state;  
one set of accordion folds in said sheet of material;  
a fold in said sheet of material, said fold being folded in a direction transverse to said set of accordion folds;  
said fold and said set of accordion folds defining segments of said sheet of material; and  
a first stiff portion attached to a first corner segment and a segment adjacent to said first corner segment of said sheet formed by said fold and whereby during said folded state, said segments are situated within said stiff portion.
48. The folded sheet article of Claim 47 further comprises a second stiff portion attached to a second corner segment situated opposite of said first corner segment.
49. The folded sheet article of Claim 48 wherein said second stiff portion comprises a foldable tab.
50. The folded sheet article of Claim 47 further comprises at least one tab attached to at least one segment of said sheet of material.